

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057133.D
 Acq On : 21 Dec 2023 13:03
 Operator : MD/SY
 Sample : VSTD02015
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020015

Quant Time: Dec 21 23:06:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 21 23:04:21 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	180678	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	171271	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	91679	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	344625	21.653	ug/L	0.00
7) Chloroethane-d5	1.911	69	283971	23.436	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	153400	22.356	ug/L	0.00
20) 2-Butanone-d5	4.618	46	569308	190.449	ug/L	0.00
24) Chloroform-d	5.052	84	667422	22.011	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	314775	21.956	ug/L	0.00
32) Benzene-d6	5.721	84	1230142	22.616	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	343149	20.437	ug/L	0.00
41) Toluene-d8	7.891	98	1144509	23.283	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	150339	22.876	ug/L	0.00
46) 2-Hexanone-d5	8.628	63	571692	233.454	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	249257	20.562	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	395472	21.467	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.384	85	322686	17.273	ug/L	99
3) Chloromethane	1.519	50	258638	14.566	ug/L	98
5) Vinyl chloride	1.602	62	313605	17.387	ug/L	99
6) Bromomethane	1.856	94	146967	14.547	ug/L	97
8) Chloroethane	1.933	64	195433	18.298	ug/L	98
9) Trichlorofluoromethane	2.133	101	562336	20.996	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	286163	18.060	ug/L	99
12) 1,1-Dichloroethene	2.576	96	253050	17.513	ug/L	95
13) Acetone	2.638	43	316266	173.143	ug/L	98
14) Carbon disulfide	2.789	76	743846	15.181	ug/L	100
15) Methyl Acetate	2.946	43	74915	15.411	ug/L	98
16) Methylene chloride	3.039	84	266085	16.908	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	604612	18.956	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	257940	17.624	ug/L	97
19) 1,1-Dichloroethane	3.859	63	507273	17.941	ug/L	99
21) 2-Butanone	4.699	43	492782	163.654	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	298729	18.695	ug/L	96
23) Bromochloromethane	4.965	128	121969	18.373	ug/L	95
25) Chloroform	5.078	83	577275	19.258	ug/L	99
27) 1,2-Dichloroethane	5.785	62	333707	18.746	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	539969	21.250	ug/L	100
30) Cyclohexane	5.380	56	402200	17.990	ug/L	98
31) Carbon tetrachloride	5.518	117	469721	21.223	ug/L	97
33) Benzene	5.766	78	1096370	18.523	ug/L	100
34) Trichloroethene	6.534	95	313646	19.144	ug/L	97
35) Methylcyclohexane	6.756	83	460561	19.237	ug/L	98
37) 1,2-Dichloropropane	6.782	63	270387	17.926	ug/L	99
38) Bromodichloromethane	7.097	83	398049	20.211	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	443408	20.139	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	1269818	179.557	ug/L	98
42) Toluene	7.962	91	1203497	19.495	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	365488	19.987	ug/L	99

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45) 1,1,2-Trichloroethane	8.393	97	188815	18.522	ug/L	95
47) Tetrachloroethene	8.547	164	226729	19.601	ug/L	98
48) 2-Hexanone	8.679	43	918328	181.470	ug/L	99
49) Dibromochloromethane	8.801	129	243250	20.276	ug/L	98
50) 1,2-Dibromoethane	8.917	107	178433	18.870	ug/L	98
51) Chlorobenzene	9.441	112	756579	19.202	ug/L	98
52) Ethylbenzene	9.563	91	1418957	20.838	ug/L	98
53) m,p-Xylene	9.689	106	528181	20.788	ug/L	98
54) o-Xylene	10.094	106	504850	20.847	ug/L	99
55) Styrene	10.107	104	866935	21.786	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	226679	18.239	ug/L	97
59) Bromoform	10.284	173	142411	19.153	ug/L	97
60) Isopropylbenzene	10.480	105	1441001	20.074	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	158163	16.453	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	1228473	20.922	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	1230978	21.139	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	635191	18.682	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	623112	18.421	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	566653	18.219	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.988	75	38676	19.532	ug/L	94
69) 1,3,5-Trichlorobenzene	13.213	180	494380	19.166	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	395804	19.414	ug/L	99
71) Naphthalene	14.078	128	552727	18.634	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	307181	17.856	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

